

## EARTHQUAKE HAZARD - DISTRICT 1

### STATE PLAN

#### Goal 5: Reduce potential earthquake losses in Western Montana.

Objective 5.1: Strengthen existing residential, commercial, and government structures.

Objective 5.2: Provide for earthquake resistance in new construction.

Objective 5.3: Educate the public in earthquake mitigation and readiness.

Objective 5.4: Harden State and community infrastructure from seismic hazards.

COUNTY	MITIGATION PROJECT	PRIORITY
Deer Lodge	Survey commercial structures for earthquake stability and recommend retrofits.	M
Deer Lodge	Educate home and business owners on simple earthquake retrofits.	M
Deer Lodge	Inspect key bridges for seismic stability.	M
Deer Lodge	Conduct earthquake drills in schools.	M
Deer Lodge	Tie down/secure objects in schools that could fall during an earthquake.	M
Deer Lodge	Retrofit critical government facilities for earthquakes.	M
Deer Lodge	Seismically stabilize large glass panes in Dwyer Primary School and Anaconda High School.	M
Flathead	Non-structural and structural retrofits of government buildings, particularly critical facilities.	NA
Flathead	Presentations and distribution of earthquake awareness materials.	NA
Flathead	Window film for shatter prevention in schools.	NA
Flathead	Retrofits of public utility systems for seismic resistance.	NA
Flathead	Public utility shut off valves.	NA

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COUNTY	MITIGATION PROJECT	PRIORITY
Flathead	Seismic evaluations of dams.	NA
Flathead	Educate transportation and utility employees on seismic hazards.	NA
Flathead	Continue "Earthquake Preparedness Month" outreach activities during October.	NA
Flathead	Site evaluations of critical facilities.	NA
Flathead	Workplace earthquake drills in Western Montana.	NA
Flathead	Residential and business retrofit programs.	NA
Flathead	Non-structural mitigation program for public schools (equipment/furniture straps).	NA
Flathead	Model seismic building codes.	NA
Flathead	Require earthquake drills in schools in Western Montana.	NA
Flathead	Higher building standards for critical facilities and structures housing vulnerable populations.	NA
Flathead	Mapping of earthquake risk zones and faults at a local government scale.	NA
Flathead	Public education of household tie down of heavy items and furniture.	NA

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COUNTY	MITIGATION PROJECT	PRIORITY
Flathead	Retrofits of bridges and overpasses for seismic stability.	NA
Flathead	Expand earthquake monitoring network.	NA
Flathead	Enforcement of current building codes.	NA
Granite	Survey commercial structures for earthquake stability and recommend retrofits.	M
Granite	Tie down/secure objects in schools that could fall during an earthquake.	M
Granite	Conduct earthquake drills in the schools.	M
Granite	Educate home and business owners on simple earthquake retrofits.	M
Granite	Retrofit critical government facilities for earthquakes.	M
Granite	Inspect key bridges for seismic stability.	M
Silver Bow	Create policies for where structures can and cannot be built based on the hazard information.	M
Silver Bow	In-depth fault study and digital mapping.	M
Silver Bow	Educational awareness for the general public on the earthquake hazard.	M

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<b>COUNTY</b>	<b>MITIGATION PROJECT</b>	<b>PRIORITY</b>
Silver Bow	Using shatter-proofing techniques, strengthen windows in schools.	M
Silver Bow	Tie down/secure objects in schools that could fall during an earthquake.	M
Silver Bow	Educational awareness for students on earthquake safety.	M